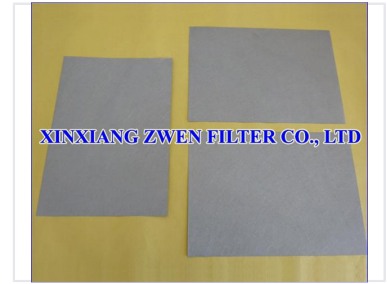


# Porous Sintered Metal Fiber Felt

This sintered fiber felt is a porous material made of metal fibers joined through sintering, resulting in a strong, durable structure. The material provides high porosity and permeability, along with uniform pore size distribution.



## Overview

### High-Performance Sintered Metal Fiber Felt

Porous sintered metal fiber felt is an advanced depth filtration media engineered from 316L stainless steel fibers. Featuring a complex three-dimensional structure with differential density gradients, it provides exceptional dirt-holding capacity and high filtration efficiency. This material is vacuum-sintered to ensure high structural integrity, making it capable of withstanding extreme temperatures and corrosive environments.

## Technical Specifications

### Key Performance Metrics

|                               |                                       |   |
|-------------------------------|---------------------------------------|---|
| <b>816</b><br>Max Temperature | <b>1 Microns</b><br>Min Filter Rating | <b>300 Microns</b><br>Max Filter Rating |
|-------------------------------|---------------------------------------|---|

### Dimensional Constraints

| Parameter  | Range/Limit |
|------------|-------------|
| Thickness  | 0.2 - 10 mm |
| Max Length | 1200 mm     |
| Max Width  | 1000 mm     |

### Available Sizes

- 500 mm x 500 mm
- 500 mm x 1000 mm
- 1000 mm x 1000 mm

|              |                      |
|--------------|----------------------|
| Raw Material | Stainless Steel 316L |
|--------------|----------------------|

## Material Properties

|                     |   |
|---------------------|---|
| Features & Benefits | Depth Filtration, Corrosion Resistant, High Dirt Capacity, Fabrication Friendly, Vacuum Sintered, Pleatable |
|---------------------|---|